Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"1167569"	EPO	OR	OFF	2007/09/19 09:38
L7	11	(W adj CO".sub.6")	US-PGPUB; USPAT	OR	OFF	2007/09/19 09:53
L19	10	"(Me.sub.2N)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L20	7	"(Et.sub.2N)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:03
L23	2	"tBuN)" with Ta	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:04
L24	1667	"TaCl.sub.5"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:04
L25	861	"TaF.sub.5"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L26	13630	"TiCl.sub.4"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L27	1340	"HfCl.sub.4"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:05
L29	4	"(Et.sub.2N)" with Hf	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L30	1266	"XeF.sub.2"	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L31	16753	7 19 20 23 24 25 26 27 29 30	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:06
L35	1772	(size with evaporator)	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:11
L37	8175	(evaporati\$2 adj2 temperature)	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:12
L41	629	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and (pulse with (seconds or hz))	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:41
L42	234	31 and 41	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:31
L43	3	(35 37) and 42	US-PGPUB; USPAT	OR	OFF	2007/09/19 10:25
L46	786	valve with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	ON	2007/09/19 11:10
L47	3	41 and 46	US-PGPUB; USPAT	OR	ON	2007/09/19 11:06
L50	99	valve with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	OFF	2007/09/19 12:16

L51	5	valve with (response or act or action) with (seconds or hz or milliseconds or msec or ms) and (TEOS or Tetraethylorthosilicate)	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:29
L53	5	("5372754" "5966499" "6039809" "6090176").PN. OR ("6174371").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 14:24
L54	18	("0568928" "3129268" "4007601" "4035451" "4036915" "4068625" "4146597" "4155961" "5322710" "5372754").PN. OR ("5849089"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/19 16:35
L58	106	((fast or quick)adj3 valve) with (seconds or hz or milliseconds or msec or ms)	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:39
L60	1	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and 58	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:31
L61	7	58 and semiconductor	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:56
L64	367	((valve or valves) adj5 (response or action or act)) with (seconds or hz or milliseconds or msec or ms)	US-PGPUB; USPAT	OR	OFF .	2007/09/19 17:40
L65	23	((atomic adj layer adj (deposition or epitaxy)) or ALD or ALE) and 64	US-PGPUB; USPAT	OR	OFF	2007/09/19 17:41
L66	18	64 and semiconductor adj (manufactur\$3 or production or processing or fabrication)	US-PGPUB; USPAT	OR	OFF	2007/09/19 18:07
L68	1441	(118/726).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/19 18:49
S1	8	10/700328	US-PGPUB; USPAT	OR	OFF	2007/09/15 09:46

63	450	("20010000000"""20010000140"""2	LIC DCDLIB.	OB	OFF	2007/00/15 10:00
S2	152	("20010000866" "20010009140" "2	US-PGPUB;	OR	UFF	2007/09/15 10:00
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		2799" "20010054377" "2002000019			•	
		6" "20020009544" "20020041931" "				
		20020052097" "20020066411" "200				
		20073924" "20020076481" "200200				
		76507" "20020076508" "200200861				
		06" "20020092471" "20020094689"				
		"20020104481" "20020108570" "2				
	:	, ,				
		0020121241" "20020121342" "2002				
		0127745" "20020134307" "2002014				
	:	4655" "20020148511" "2003000472				
	:	3" "20030010451" "20030023338" "				
		20030042630" "20030053799" "200				
		30057527" "20030072913" "200300				
		75273" "20030075925" "200300796				
		86" "20030089308" "20030101927"		ĺ		
		"20030106490" "20030113187" "2				
		0030116087" "20030121241" "2003				
		0121469" "20030121608" "2003014		•		
		0854" "20030143328" "2003014374				
		7" "20030144657" "20030153177" "				
	•	20030172872" "20030194493" "200				
	i	,				
	:	30198754" "20030213560" "200302				
		16981" "20030221780" "200302241				
		07" "20040011404" "20040011504"				
		"20040013577" "20040014320" "2		,		
		0040015300" "20040016404" "2004				
		0025370" "20040065255" "2004006				
		9227" "20040071897" "2004014430				
		8" "20040144311" "20050006799" "				,
		4058430" "4276243" "4369031" "43				
		89973" "4413022" "4717596" "4783				
		343" "4834831" "4911101" "497535				
		3" "4993357" "5098741" "5225366"				
		"5261959" "5281274" "5294286" "				
		5338362" "5354516" "5374570" "54				
		41703" "5443647" "5480818" "5483				
		919" "5496408" "5503875" "559560				
		3" "5620524" "5630878" "5645642"				•
		"5674786" "5711811" "5730802" "		•		
		5764849" "5796116" "5807792" "58				
		20678" "5835677" "5855680" "5879				
		459" "5916365" "5942089" "596649				
		9" "5968588" "6015590" "6042652"				
		"6136725" "6139640" "6139700" "				
		6143080" "6162488" "6174377" "61				
		83563" "6197663" "6200893" "6224				
		681" "6231672" "6270572" "630531				
		4" "6320201" "6447607" "6478872"				
		"6481945" "6511539" "6551406" "		,		
		6572705" "6578287" "6579372" "66				
		30030" "6660126" "6716287" "6718	•			
		126" "6734020" "6772072" "677350				
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9/19/200	7:10:18 PM					Page 3
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Ll				L		<u> </u>

S3	1	("6772072").PN.	US-PGPUB;	OR	OFF	2007/09/15 10:00
			USPAT			

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		"20010054377" "20010054730"				
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		"6124158" "6139700"		•		
		"6144060" "6174377" "6174809"				
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		"6200893" "6203613" "6207487"				
}		"6231672" "6270572").PN. OR				
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		"6451119" "6451695"				
9/19/20	07 7:10:18 PM	_"6468924" "6475276" "6475910"	•			Page 5
	ments and Set		aces\10700328	wsp		rage 3
		""6482262" \ "6482649" \ "6482733" \	,,			
T .	1	"K511539" "K55140K"\ PN OP	1	1 1		ı

S5	15114	ultrasonic adj transducer or mass adj flow adj meter	US-PGPUB; USPAT	OR	OFF	2007/09/15 15:18
S6	722	(first adj3 valve) and (second adj3 valve) and controller and (precursor or ((liquid or solid) adj2 source))	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:07
S7	46	S6 and S5	US-PGPUB; USPAT	OR	OFF	2007/09/15 15:20
S8	4972	(pulse or intermittent) and controller and (precursor or ((liquid or solid) adj2 source))	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:08
S9	275	S6 and S8	US-PGPUB; USPAT	OR	OFF	2007/09/15 16:08
S10	240	S9 not S7	US-PGPUB; USPAT	OR	OFF	2007/09/15 17:59
S11	634	((atomic adj layer adj (deposition or epitaxy)) or ALD or DLE) and (MFC or mass adj flow adj (control\$3 or meter)) and (control or computer)	US-PGPUB; USPAT	OR	OFF	2007/09/19 09:40
S12	484	S11 and (carrier or transfer or inert) adj gas	US-PGPUB; USPAT	OR	OFF	2007/09/15 18:03
S13	260	S8 and S12	US-PGPUB; USPAT	OR	OFF	2007/09/15 18:24
S15	1	"6296711".pn.	US-PGPUB; USPAT	OR	OFF	2007/09/18 15:49
S17	149	((mass adj flow adj controller) or MFC) with (mass adj flow adj meter)	US-PGPUB; USPAT	OR	OFF	2007/09/18 16:27
S18	149	((mass adj flow adj controller) or MFC) with (mass adj flow adj meter)	US-PGPUB; USPAT	OR	OFF	2007/09/18 18:03
S19	8	S18 and vaporizer	US-PGPUB; USPAT	OR	OFF	2007/09/18 18:03
S20	9	("5372754" "5711816" "5837316" "6157774" "6210485" "6273957" "6470144" "6511850" "6596085").PN. OR ("7163197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18 18:22
S21	51	("0921934" "2763575" "3121639" "3954921" "4276243" "4916077").PN. OR ("5372754"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/19 09:37